

ADDITIONAL NOTES ON THE GENUS PRIVA. VI

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Since the publication of my monograph of this genus in 1936 and its five supplements (1954--1967) much additional information has become available to me and this is summarized in the present paper. Full explanation of the herbarium acronyms employed herein, as they were in the original monograph and the 5 previous supplements, as well as in all my series of generic notes in the present journal, will be found in my Fifth Summary 2: 795--801 (1971).

PRIVA Adans., Fam. Pl. 2: 505. 1763.

Additional & emended synonymy: Blairia Houst. ex L., Gen. Pl., ed. 1, 334, in syn. Jan. 1737; Adans., Fam. Pl. 2: 12 & 526. 1763 [not Blairia Gaertn., 1847, nor. Gled., 1751, nor L., Oct. 1737, nor Spreng., 1966]. Blaeria Houst. ex Spach, Hist. Nat. Veg. Phan. 9: 227. 1840 [not Blaeria L., 1737 & 1753]. Streptium Boiss., Fl. Orient. 4: 533, in syn. 1879; Airy Shaw in J. C. Willis, Dict. Flow. Pl., ed. 7, 1074, in syn. 1966. Blairia L. (Jan. 1737) apud Post & Kuntze, Lexicon 70, in syn. 1904. Busseria Loefl. apud Knuth, Feddes Repert. Spec. Nov. Beih. 43: [Init. Fl. Venez.] 604, in syn. 1927. Cavanitus Barkley, List Ord. Fam. Anthoph., ed. 2, 76 & 150, in syn. 1965. Tortula "Roxb. ex Willd." apud Airy Shaw in J. C. Willis, Dict. Flow. Pl., ed. 7, 1130, in syn. 1966. Blairia "Houst. ex Adans." apud G. Taylor, Ind. Kew. Suppl. 13: 18 & 149. 1966. Blairia Adans. apud Airy Shaw in J. C. Willis, Dict. Flow. Pl., ed. 7, 138, in syn. 1966.

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348—349. 1819; Steud., Nom. Bot., ed. 1, 396, 657, 873, & 874. 1821; Jan, Elench. Pl. 1. 1824; Sweet, Hort. Brit., ed. 1, 1: 324 (1826) and ed. 2, 417. 1830; G. Don in Loud., Hort. Brit., ed. 1, 246 (1830) and ed. 2, 246. 1832; Loud., Hort. Brit., ed. 2, 552 & 575. 1832; Endl., Gen. Pl. 634. 1833; Harv., Gen. S. Afr. Pl., ed. 1, 267 & 269. 1838; G. Don in Loud., Hort. Brit., ed. 3, 246 (1839) and Suppl. 2: 741. 1839; J. Grah., Pl. Bomb. 154. 1839; Sweet, Hort. Brit., ed. 3, 552. 1839; Meisn., Pl. Vasc. Gen. 2: 198. 1840; Spach, Hist. Nat. Vég. 9: 227. 1840; D. Dietr., Syn. Pl. 3: 371. 1843; Voigt, Hort. Suburb. Calc. 464, 471, & 473. 1845; Benth., Bot. Voy. Sulph. 152. 1846; Schau., Linnaea 20: [476]. 1847; Schau. in A. DC., Prodr. 11: 529, 532—535, 555, & 556. 1847; G. Don in Loud., Hort. Brit. Suppl. 2: 733. 1850; Schnitzl., Iconogr. Fam. Reg. Veg. 137 Verbenac. [3]. 1856; Buek, Gen. Spec. Syn. Candoll. 3: 367, 368, 469, 494, 495, & 507. 1858; Harv., Gen. S. Afr. Pl., ed. 2, 288 & 289. 1868; Aitchison, Cat. Pl. Punj. 119. 1869; A. Wood, Am. Bot. & Flor., ed. 1, imp. 1, 235 & 383 (1870), ed. 1, imp. 2, 235 & 435 (1871), ed. 1, imp. 3, 235 & 435 (1872), ed. 1, imp. 4, 235 & 435 (1873), ed. 1, imp. 5, 235 & 435 (1874), and ed. 1, imp. 6, 235 & 435. 1875; A. Gray, Syn. Pl. N. Am., ed. 1, 2 (1): 333 & 334. 1878; Boiss., Fl. Orient. 4: 533. 1879; Hieron., Bol. Acad. Nac. Cienc. Córdoba 4: [Sert. Sanjuan.] 407. 1881; Farl., Proc. Am. Acad. Sci. 18: 83. 1883; Speg., Anal. Soc. Ci. Argent. 17: 93. 1884; Trimen, Journ. Ceyl. Br. Roy. Asiat. Soc. 9: [Syst. Cat. Flow. Pl. Ceyl.] 68. 1885; A. Gray, Syn. Pl. N. Am., ed. 2, 2 (1): 333 & 334. 1886; Balf. f., Bot. Socotra 232—233 & 433. 1888; O. R. Willis in A. Wood, Am. Bot. & Flor., ed. 2, 235 & 435. 1889; Kuntze, Rev. Gen. Pl. 2: 509. 1891; T. S. Brandeg., Proc. Calif. Acad. Sci., ser. 2, 3: 164. 1893; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 1, 1: 350 (1893) and imp. 1, 2: 65. 1894; Nairne, Flow. Pl. West. India 247. 1894; T. R. Sims, Sketch Check-list Fl. Kaffr. 62. 1894; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 1, 2: 628 & 1295. 1895; Trimen, Handb. Fl. Ceyl. 3: 345 & 349. 1895; Voss in Vilm., Blumengärt. 1: 822, 824, & 825. 1895; Solered., Syst. Anat. Dicot. 711 & 714. 1899; J. G. Baker in Thiselt.-Dyer, Fl. Trop. Afr. 5: 273 & 285. 1900; Barnhart, Bull. Torrey Bot. Club 29: 590. 1902; Sydow, Monog. Ured. 1: 309. 1902; Almagia in Pirotta, Fl. Col. Erit. [Ann. Inst. Bot. Roma 8:] 133. 1903; T. Peckolt, Bericht. Deutsch. Pharm. Gesell. 14: 465. 1904; Cooke, Fl. Presid. Bomb., ed. 1, 3: 418 & 422. 1905; Reiche, Verhandl. Deutsch. Wiss. Ver. Santiago 5: [Monotyp. Gatt. Chil. Fl.] 11. 1905; Druce & Vines, Dill. Herb. 182. 1907; Sydow, Ann. Myc. 5: 338. 1907; D. H. Scott in Solered., Syst. Anat. Dicot. [transl. Boodle & Fritsch] 1: 630 & 631. 1908; Speg., Anal. Mus. Nac. Buenos Aires 19: 313. 1909; Reiche & Phil., Fl. Chil. 5: 272 & 304—305. 1910; Ramírez Goyena, Fl. Nicarag. 2: 556—557. 1911; J. C. & M. Willis, Rev. Cat. Flow. Pl. Ceyl. [Perad. Man. Bot. 2:] 69 & 162. 1911; Chiov., Result. Scient. Miss. Stef. 1: 143. 1916; Sturtevant, Notes Edible Pl., imp. 1, 454. 1919; Gamble, Fl. Presid. Madras 6: 1085 & 1090—1091. 1924; Wangerin in Just,

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Gunawardena (1968) explains the derivation of the generic name, Priva, as "Priva, L[atin], privus, separate, private. Fr[uit] enclosed in a large calyx which is tubular and becomes inflated with fruit. Hence it is singular, apart."

Dalla Torre & Harms (1963) divide the genus as follows:

Sect. 1. Castelia Briq.

Sect. 2. Eupriva Schau.

Sect. 3. Aparinaria Schau.

Of these, Section 1 is now segregated as the genus Pitraea Turcz.

Voss (1895) regarded Priva as containing about 9 species; Cooke (1905) says "about 10" species "of the warm regions of both hemispheres"; Baker (1909) says "about 9" species which are "cosmopolitan in the warm regions of both hemispheres". Sanchez (1969) regarded it as having 20 species native to the war, regions of only America and Asia [ignoring the African taxa]. Alain, most recently (1974), gives 17 as the number of species "mainly of tropical regions". I recognize 21 species and 5 subspecific taxa. Pope (1968) avers that Priva is "common to the Hawaiian Islands", but this is untrue — the genus is not known from these islands at all. The plant Pope was referring to was probably Salvia occidentalis Sw. in the Lamiaceae.

Linnaeus, in his Genera Plantarum, regarded Kaempfera Houst. and Sherardia Vaill. as generic synonyms of Priva, but the former actually belongs in the synonymy of Ghinia Schreb. and the latter to that of Stachytarpheta Vahl. Willis (1966) places Phelloderma Turcz. in the synonymy of Priva, as does López-Palacios (1973), but Turczaninow's genus is a synonym of what is now segregated as the genus Pitraea Turcz. Willis also places Zapania Lam. and Zappania Zuccagni in the synonymy of Lippia Houst. and Burseria Loefl. in that of Verbena [Dorst.] L., but actually all three belong in the synonymy of Priva. He lists the homonym, Scorodonia Hill, as a synonym of Teucrium L. in the Lamiaceae. Blairia Adans. is listed by Airy Shaw (1966) as a synonym of Priva, but the Blairia listed by Adanson [Fam. Pl. 2: 198 & 526. 1763] is plainly credited by him to "Houst." The Blairia of Gleditsch

(1751), of Linnaeus (Oct. 1737), and of Sprengel (1966) is a synonym of Blaeria L. [or Kolbia Adans.] in the Vacciniaceae, while that of Gaertner (1847) is Phyla Lour.

López-Palacios (1975) asserts that only a single species of Priva, P. lappulacea (L.) Pers., is known from Venezuela, but that it is found there in practically every state and territory.

The Endlicher (1838) reference in the bibliography above is often cited as "1836-1856", but the page involved here was actually issued in 1838. The Boissier (1879) reference is often cited as "1875", but only pages 1-280 were issued in that year; pages 281-1276 appeared first in 1879. The dates of the Humboldt, Bonpland, and Kunth references were authenticated by Barnhart (1902). The Angely (1971) publication bears the incorrect titlepage date of "1970" and is often so cited. The Fong & al. (1972) reference is sometimes mis-cited to Lloydia volume "25" or "39".

Jackson (1932) records the fungus, Puccinia lantanae Farl. (1883), from various species of Lippia and Lantana and states that this is the proper name for the Puccinia privae Sydow (1907) recorded from Priva. He also gives as synonyms P. accedens Sydow (1902), Uromyces lantanae Speg. (1884), and Uromyces lippiae Speg. (1909). He says that "This very common micro-form has a wide distribution extending from Florida and Mexico throughout the West Indies and less commonly in Central America. In South America it is reported from Colombia, Trinidad, Ecuador, Argentina and Brazil. Mesospores often predominate in the sori and the species may at first be mistaken for a Uromyces" [as, apparently, it was by Spegazzini].

Greenway (1969) cites a "G. & K. 12886" and Verdcourt 1109 as undetermined Priva collections from Tsavo East National Park.

The Charette 1769, distributed as Priva, actually is Phryma leptostachya var. asiatica Hara in the Phrymaceae; Reveal & Atwood 3438 is Aloysia macrostachya (Torr.) Mold.; Rzedowski 10265 and Steyermark, Bunting, & Wessels-Boer 100326 are Salvia occidentalis Sw. in the Lamiaceae; and González Quintero 2241 is Teucrium vesicarium Mill. in the Lamiaceae.

PRIVA ADHAERENS (Forsk.) Chiov., Bull. Soc. Bot. Ital. 1923: 115. 1923.

Additional & emended synonymy: Verbena forskâhlei Raeusch., Nom. Bot., ed. 3, 3. 1797. Verbena forskaelii Vahl apud Mirb., Hist. Nat. Pl., ed. 2, 15: 233, in syn. 1805. Verbena forskalii Vahl apud Pers., Syn. Pl. 2: 138, in syn. 1806. Verbena forskhalei Vahl apud Poir. in Lam., Encycl. Méth. Bot. 8: 844, in syn. 1808. Verbena forskoalii Vahl apud E. Mey., Comm. Pl. Afr. Austr. 275, in syn. 1837. Priva forskahlei Vahl apud Boiss., Fl. Orient. 4: 533, in syn. 1879. Priva forskoalaei E. Mey. apud Kobuski, Ann. Mo. Bot. Gard. 13: 9, in syn. 1926. Priva forskoalei E. Mey. spud Kobuski, Ann. Mo. Bot. Gard. 13: 23, in syn. 1926. Priva dentata

L. Juss. ex Chiov., Fl. Somalia 1: 274, in syn. 1929. Priva forskalii E. Mey. apud Chiov., Fl. Somalia 1: 274, in syn. 1929. Priva adhaerens a. forskalii (Vahl) Chiov., Fl. Somalia 1: 274, in syn. 1929. Verbena forskaolaei Vahl apud Alston in Trimen, Handb. Fl. Ceyl. 6: 231. 1931. Priva adherens (Forsk.) Chiov. ex Glover, Prov. Check List Brit. Ital. Somal. 268. 1947. Priva adherens a. forskalii (Vahl) Chiov. apud Glover, Prov. Check List Brit. Ital. Somal. 268. 1947. Priva leptostachya Auct. ex Cuf., Bull. Jard. Bot. Brux. 32: Suppl. 794, in syn. 1962 [not P. leptostachya A. L. Juss., 1806, nor L., 1940, nor H. H. W. Pearson, 1966].

Additional & emended bibliography: Raeusch., Nom. Bot., ed. 3, 3. 1797; Pers., Sp. Pl. 3: 348. 1819; Harv., Gen. S. Afr. Pl., ed. 1, 269. 1838; Schau. in A. DC., Prodr. 11: 533—534 & 556. 1847; Buek, Gen. Spec. Syn. Candoll. 3: 367, 494, & 507. 1858; Harv., Gen. S. Afr. Pl., ed. 2, 289. 1868; Boiss., Fl. Orient. 4: 533. 1879; Balf. f., Bot. Socotra 232—233 & 433. 1888; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 1, 2: 628. 1894; T. R. Sims, Sketch Check-list Fl. Kaffr. 62. 1894; J. G. Baker in Thiselt.-Dyer, Fl. Trop. Afr. 5: 285. 1900; Chiov., Fl. Somal. 1: 274. 1929; Fedde & Schust., Justs Bot. Jahresber. 57 (2): 401. 1938; Mold., Geogr. Distrib. Avicenn. 29—32. 1939; Mold., Known Geogr. Distrib. Verbenac., ed. 1, 45, 46, 50, 52, 53, & 99. 1942; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 2: 628. 1946; Mold., Known Geogr. Distrib. Verbenac., ed. 2, 109, 110, 117, 118, 122, & 195. 1949; Parsa, Fl. Iran 4 (1): 535. 1949; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 3, 2: 628. 1960; Hocking, Excerpt. Bot. A.12: 425. 1967; Mold., Phytologia 14: 394. 1967; Mold., Résumé Suppl. 15: 22 (1967) and 16: 25. 1968; Mold., Biol. Abstr. 49: 4199. 1968; Mold., Fifth Summ. 1: 211, 213, 238, 241, 244, 257, & 265 (1971) and 2: 600, 612, 613, 618, 639, 670, 736, & 905. 1971; Mold., Phytologia 25: 242 & 244 (1973) and 28: 109 & 461. 1974.

The Priva leptostachya of Jussieu, referred to in the synonymy above, is a synonym of P. cordifolia (L. f.) Druce, the homonym erroneously accredited to Linnaeus is Phryma leptostachya L. in the Phrymaceae, while that credited to Pearson is Priva meyeri Jaub. & Spach.

Harvey (1838, 1868) describes all the members of this genus, presumably including the present species (the only one he cites) as "Weed-like herbs.....resembling Verbena, with blue flowers". Evans describes the corollas of P. adhaerens as "blue-purple" and encountered the plant in waste ground and along grassy roadsides. Krauss (1845) found it abundant ["copiose"] near Natal Bay, flowering in October.

The Kassas, Mobarak, & Omar 773, distributed as P. adhaerens, actually is P. cordifolia var. abyssinica (Jaub. & Spach) Mold., while their nos. 1024 & 1025 are a member of the Lamiaceae.

Additional citations: SOUTH AFRICA: Natal: W. E. Evans 35 [30/9/1917] (Ed), 35 [2/10/1917] (Ed).

PRIVA AFRICANA Mold., Feddes Rept. Spec. Nov. 41: 36--37. 1936.

Additional & emended bibliography: Mold., Geogr. Distrib. Avicenn. 32. 1939; Mold., Known Geogr. Distrib. Verbenac., ed. 1, 52 & 99 (1942) and ed. 2, 122 & 195. 1949; Anon., U. S. Dept. Agr. Bot. Subj. Index 15: 14358. 1958; Mold., Phytologia 14: 339. 1967; Van der Schijff, Check List Vasc. Pl. Kruger Natl. Park 81. 1969; Mold., Fifth Summ. 1: 252 & 257 (1971) and 2: 905. 1971.

Meeuse encountered this plant on "dry sparse thornveld on alkaline and probably calcareous soil in open places", flowering in April. The corollas on Meeuse 10222 are said to have been "pink" when fresh.

Van der Schijff (1969) found the species growing on grassveld and cites his nos. 2251, 3282, & 3508 from Kruger National Park.

Additional citations: SOUTH AFRICA: Transvaal: Meeuse 10222 (Mu); Stopp M.66 (Mu); I. C. Verdoorn 2069 (Mu).

PRIVA ANGOLENSIS Mold., Bol. Soc. Brot., ser. 2, 39: 131--132. 1965.

Additional bibliography: Anon., Biol. Abstr. 48: 8258. 1967; Hocking, Excerpt. Bot. A.11: 503. 1967; Mold., Biol. Abstr. 48 (18): B.A.S.I.C. S.181. 1967; Mold., Phytologia 14: 339--340. 1967; G. Taylor, Ind. Kew. Suppl. 14: 108. 1970; Mold., Fifth Summ. 1: 244 (1971) and 2: 905. 1971.

Additional citations: ANGOLA: Huila: E. J. Mendes 1650 (Z).

PRIVA ARMATA S. Wats., Proc. Amer. Acad. 25: 160. 1890.

Additional & emended bibliography: Durand & Jacks., Ind. Kew. Suppl. 1, imp. 1, 347. 1906; Wangerin, Justs Bot. Jahresber. 54 (1): 1170. 1932; Mold., Geogr. Distrib. Avicenn. 14. 1939; Durand & Jacks., Ind. Kew. Suppl. 1, imp. 2, 347. 1941; Mold., Known Geogr. Distrib. Verbenac., ed. 1, 18 & 99 (1942) and ed. 2, 31 & 195. 1949; Durand & Jacks., Ind. Kew. Suppl. 1, imp. 3, 347. 1959; Mold., Phytologia 14: 340. 1967; El-Gazzar & Wats., New Phytol. 69: 483 & 485. 1970; Mold., Fifth Summ. 1: 73 (1971) and 2: 905. 1971; El-Gazzar, Egypt. Journ. Bot. 17: 75 & 78. 1974.

Additional citations: MEXICO: Nuevo León: Pringle 1931 (Ms--isotype).

PRIVA ASPERA H.B.K., Nov. Gen. Sp. Pl., ed. folio, 2: 225. 1817.

Additional synonymy: Priva aspera Humb. & Bonpl. apud Steud., Nom. Bot. Phan., ed. 1, 873. 1821. Priva aspera Kunth apud Schau. in A. DC., Prodr. 11: 534. 1847.

Additional & emended bibliography: H.B.K., Nov. Gen. Sp. Pl., ed. folio, 2: 225 (1817) and ed. quarto, 2: 278--279. 1818; Steud., Nom. Bot. Phan., ed. 1, 873. 1821; Buek, Gen. Spec. Syn. Candoll. 3: 367 & 368. 1858; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 1, 2: 628. 1894; Barnhart, Bull. Torrey Bot. Club 29: 590. 1902; Durand & Jacks., Ind. Kew. Suppl. 1, imp. 1, 347. 1906; Loes., Verh. Bot. Ver. Brand. 53: 80. 1912; Wangerin, Justs Bot. Jahresber. 54 (1): 1170. 1932; Mold., Geogr. Distrib. Avicenn. 3, 14--17, & 39. 1939; Durand & Jacks., Ind. Kew. Suppl. 1,

imp. 2, 347. 1941; Mold., Known Geogr. Distrib. Verbenac., ed. 1, 18, 22, 23, 74, & 99. 1942; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 2: 628. 1946; Mold., Known Geogr. Distrib. Verbenac., ed. 2, 31, 36, 38, 39, 163, & 195. 1949; Durand & Jacks., Ind. Kew. Suppl. 1, imp. 3, 347. 1959; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 3, 2: 628. 1960; Mold., Phytologia 14: 340—342 & 394. 1967; Mold., Résumé Suppl. 16: 3. 1968; Gibson, Fieldiana Bot. 24 (9): 219. 1970; Mold., Fifth Summ. 1: 73, 80, 83, 85, 86, 88, 368, & 397 (1971) and 2: 612—614 & 905. 1971; Farnsworth, Pharmacog. Titles 7 (10): xiii. 1972; Fong, Trojánková, Trojánek, & Farnsworth, Lloydia 39: 147. 1972; Mold., Phytologia 23: 415. 1972; Koolman, Act. Bot. Neerl. 24: 463 & 465. 1975; Molina R., Ceiba 19: 96. 1975.

Recent collectors describe this species as a perennial herb, 1—2 m. tall, with a woody caudex, the mature fruit black, fleshy, and lustrous. They have encountered it along streams, in wet thickets, secondary and mixed forests, small barrancas and gullies, in moist pastures, and on steep heavily wooded slopes, but most usually in cutover pine-oak forests, on grassy slopes with oaks, along open grassy roadsides in the Pinus-Quercus zone on steep hills, and on steep slopes with Quercus, Pinus, and Liquidambar or with Heliocarpus, Croton, and Erythrina, at altitudes of 950—2350 meters, flowering and fruiting from July to January. The vernacular name, "chile hueco", is recorded for it.

The corollas are said to have been "lavender" on Breedlove 14602 & 14712, Gentry 1735, and Roe & al. 1727, "lilac" on Molina 14622 and Williams & al. 42212, "pinkish" on Molina & Molina 25965, "pink" on Stevens & Fairhurst 2014, "purple" on Molina 22516 and Rzedowski 24694, "purplish-pink, the upper lip lined reddish" on McVaugh 17349, and "white" on Williams & Molina 20245.

Ton refers to the species as "common" in Chiapas, Mexico, but Stevens & Fairhurst found it to be "rare" in Nayarit.

The Humboldt, Bonpland, and Kunth publication dates used above have been authenticated by Barnhart (1902).

Loesener (1912) cites Seler 2679 from Chiapas. Material of P. aspera has been misidentified and distributed in some herbaria as Salvia tiliacea Vahl and as Labiatae. On the other hand, the Ventura A. 3840, distributed as P. aspera, actually is P. lappulacea (L.) Pers. and Ventura A. 5801 is P. lappulacea f. albiflora Mold.

Additional & emended citations: MEXICO: Chiapas: Breedlove 11837 (Ld), 14602 (Ld, Mi), 14712 (Ld, N), 29265 (Ld); Breedlove & Raven 13084 (Ld); Seler & Seler 2679 (W—120554); Ton 372 (Ws), 1085 (N), 1416 (Mi, N), 3337 (Ld, Mi). Chihuahua: Pringle 287 (Ca—169176, E—118775, W—154992); Townsend & Barber 422 (E—118772, W—347182). Guerrero: Hinton 9601 (Se—187249), 10687 (Se—187247). Jalisco: F. A. Barkley 35523 (Ld); Díaz Luna 216 (Mi); R. McVaugh 17349 (N); Edw. Palmer 500 (W—43501, W—481205). México: Hinton 4813 (Se—187251); Roe, Roe, Mori, & Rzedowski

1727 (Ld). Michoacán: Arsène 2545 (W--1003564), 2796 (E--844844, W--1003562), 5292 (E--844852, W--1003561), 8696 (E--840008, F--485027, W--1032260), s.n. [N. O. du Punqueto, Sept. 1910] (E--844842, W--1003570), s.n. [19/9/1909] (W--1003566); Hinton 12170 (Se--187250), 13154 (Se--187252), 15625 (Se--187248); King & Soderstrom 4762 (Au--207313). Morelos: Lyonnet 3326 (W--2636395). Nayarit: Gentry, Barclay, & Arguelles 19638 (Ld); Edw. Palmer 1999 (W--305277); Stevens & Fairhurst 2014 (Ln). San Luis Potosí: Parry & Palmer 713 in part (E--118782); J. Rzedowski 24694 (Ip). Sinaloa: Dehesa 1644 (W--1035802). Sonora: H. S. Gentry 1735 (E--1102316). Veracruz: Botteri 319 (W--771867); Bourgeau 2950 (Ca--322966); Purpus 1921 (Ca--139746, E--118808), 5727 (Ca--162550), 8054 (Ca--198450, E--825642, E--825643, W--891457), s.n. [Zacapan] (Ca--139744); Seaton 465 (W--57693). State undetermined: Hahn s.n. [1865--66] (W--43519). GUATEMALA: Alta Verapaz: Türckheim II.1628 (W--1323163, W--1323164); Williams, Molina R., & Williams 42212 (N, W--2707651). Amatitlan: Morales Ruano I.172 (F--601154). El Quiché: Molina R. & Molina 25965 (N). Guatemala: Rojas 64 (W--1166629); Tonduz 715 (W--1084743). Sololá: Degener & Degener 26649 (W--2298779). Department undetermined: Heyde 206 (W--248341). HONDURAS: El Paraíso: Molina R. 14622 (N). Ocotepeque: Molina R. 22516 (N). NICARAGUA: Madriz: Williams & Molina R. 20245 (N). COSTA RICA: Cartago: P. C. Standley 35873 (W--122728). LOCALITY OF COLLECTION UNDETERMINED: Ørsted 11183 (W--1269901). MOUNTED ILLUSTRATIONS: Kobuski drawing 14 (E--925406), 23 (E--925405).

PRIVA AURICOCCEA Meeuse, Bothalia 7: 424--425. 1960.

Additional bibliography: Friedrich-Holzhammer, Meeuse, & Meikle in Merxm., Prod. Fl. Stüd. Afr. 122: 9. 1967; Mold., Phytologia 14: 342--343. 1967; Mold., Résumé Suppl. 15: 8. 1967; Mold., Fifth Summ. 1: 254 (1971) and 2: 905. 1971.

Recent collectors describe this plant as an annual herb, 50--80 cm. tall, erect, and found it in flower in March. The corollas are said to have been "red" in color when fresh on Merxmüller & Giess 30596 and "hell-rosa bis leuchtend rosa" on their no. 30567. Friedrich-Holzhammer and his associates (1967) cite DeWinter & Leistner 5532 from Namibia.

Additional citations: NAMIBIA: Merxmüller & Giese 30567 (Mu, Z-photo), 30596 (Mu).

PRIVA BAHIENSIS P.DC. ex Schau. in A.DC., Prodr. 11: 533. 1847.

Additional & emended bibliography: Buek, Gen. Spec. Syn. Candoll. 3: 367. 1858; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 1, 2: 628. 1894; Peckolt, Bericht. Deutsch. Pharm. Gesell. 14: 465. 1904; Wangerin, Justs Bot. Jahresber. 54 (1): 1170. 1932; Mold., Geogr. Distrib. Avicenn. 26 & 28. 1939. [to be continued]